

## CLAMP AVOIDANCE CUTTER PATH REGENERATION

### ABSTRACT OF THE DISCLOSURE

A method and system for clamping a part in an automated tool to produce the part includes selecting a part for production on an automated tool driving a cutter. Deriving a clamping scenario defines the positioning of a plurality of clamps to fix the part to the automated tool. Generating a numeric controlled cutting program is based upon the part and the clamping scenario. Simulating the running of the numeric controlled program predicts interferences between the cutter and any of the plurality of clamps.



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BLACK LOWE & GRAHAM

701 Fifth Avenue, Suite 4800  
Seattle, Washington 98104  
206.381.3300 • F: 206.381.3301